

1/9

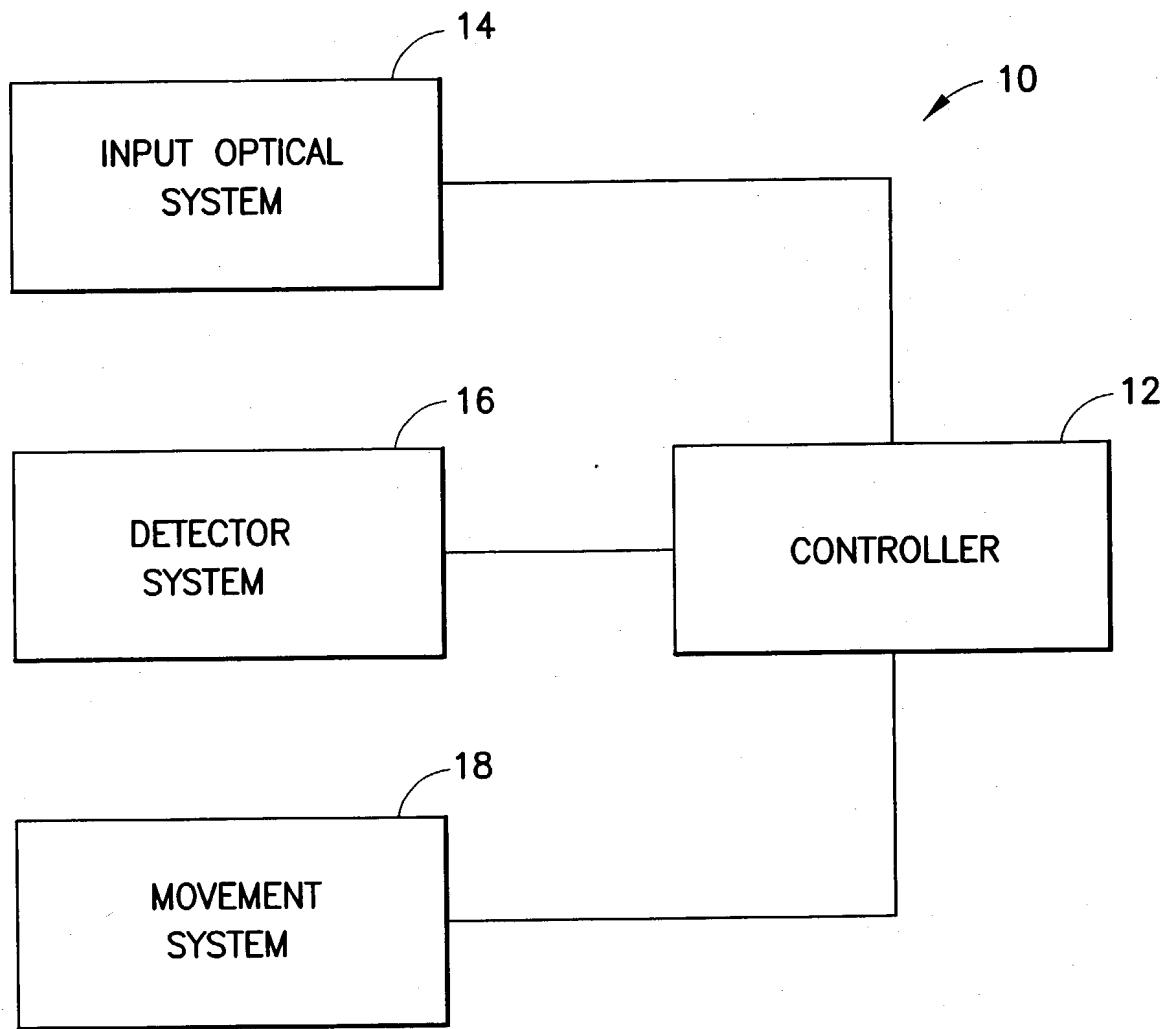
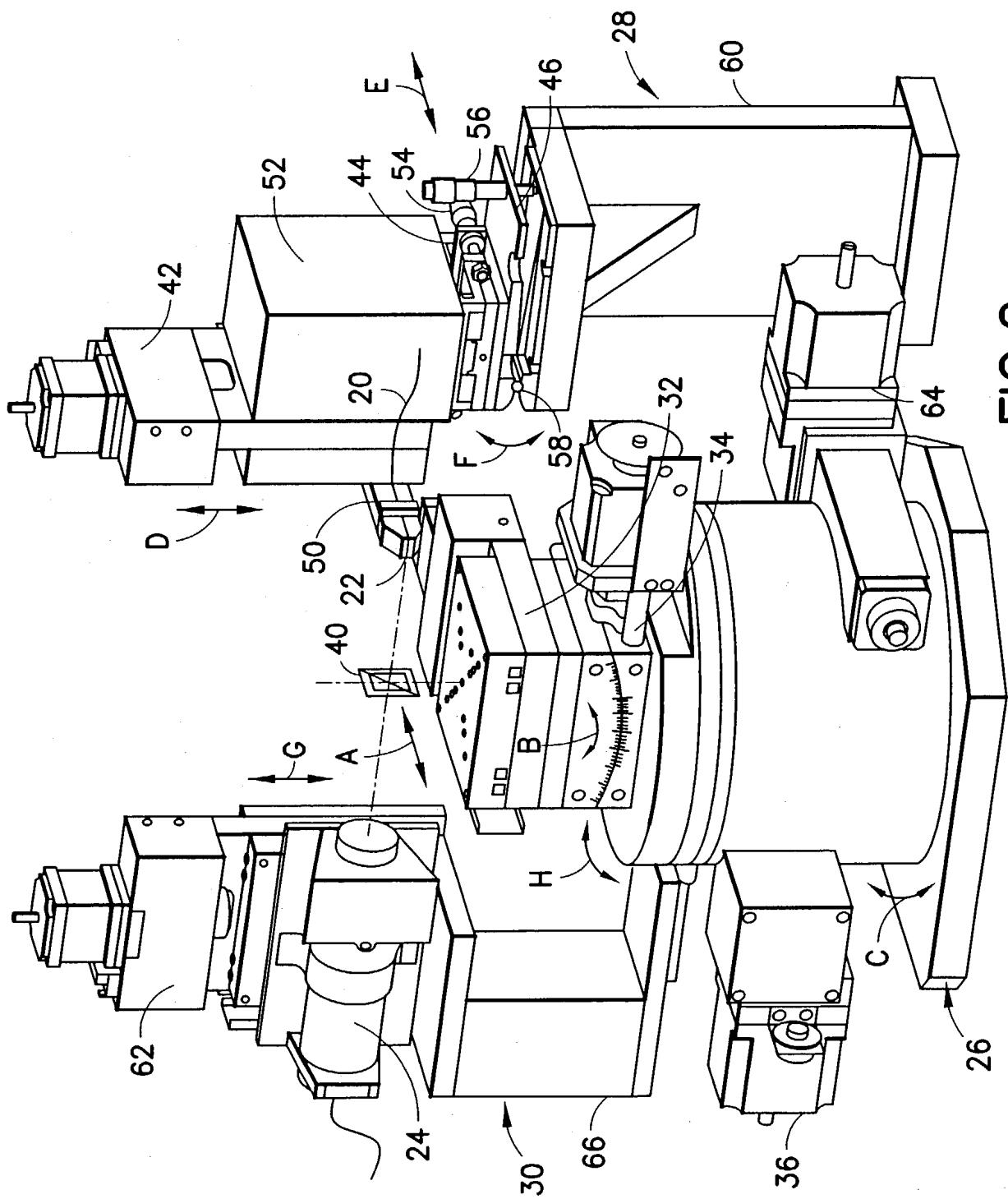


FIG. 1



3/9

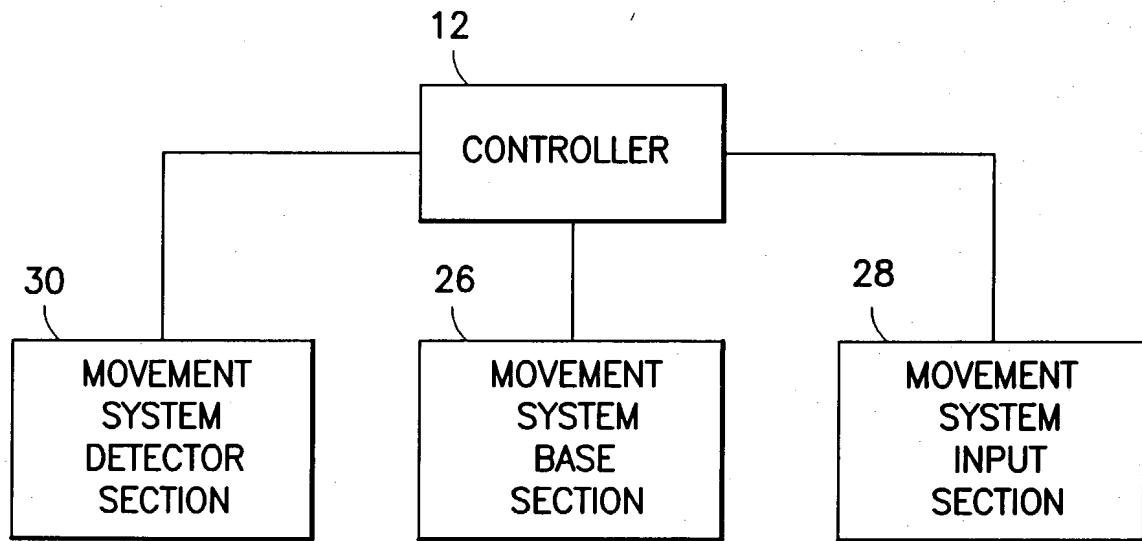


FIG.3

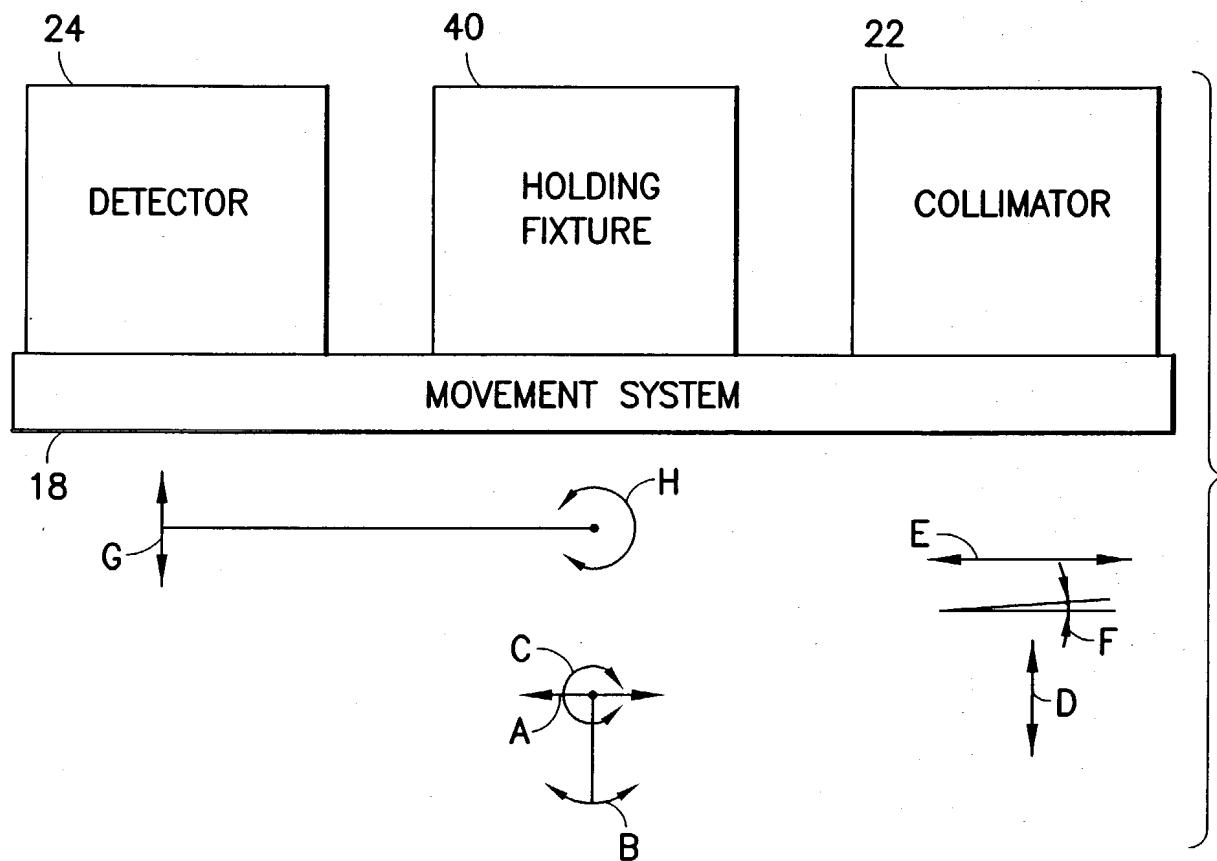
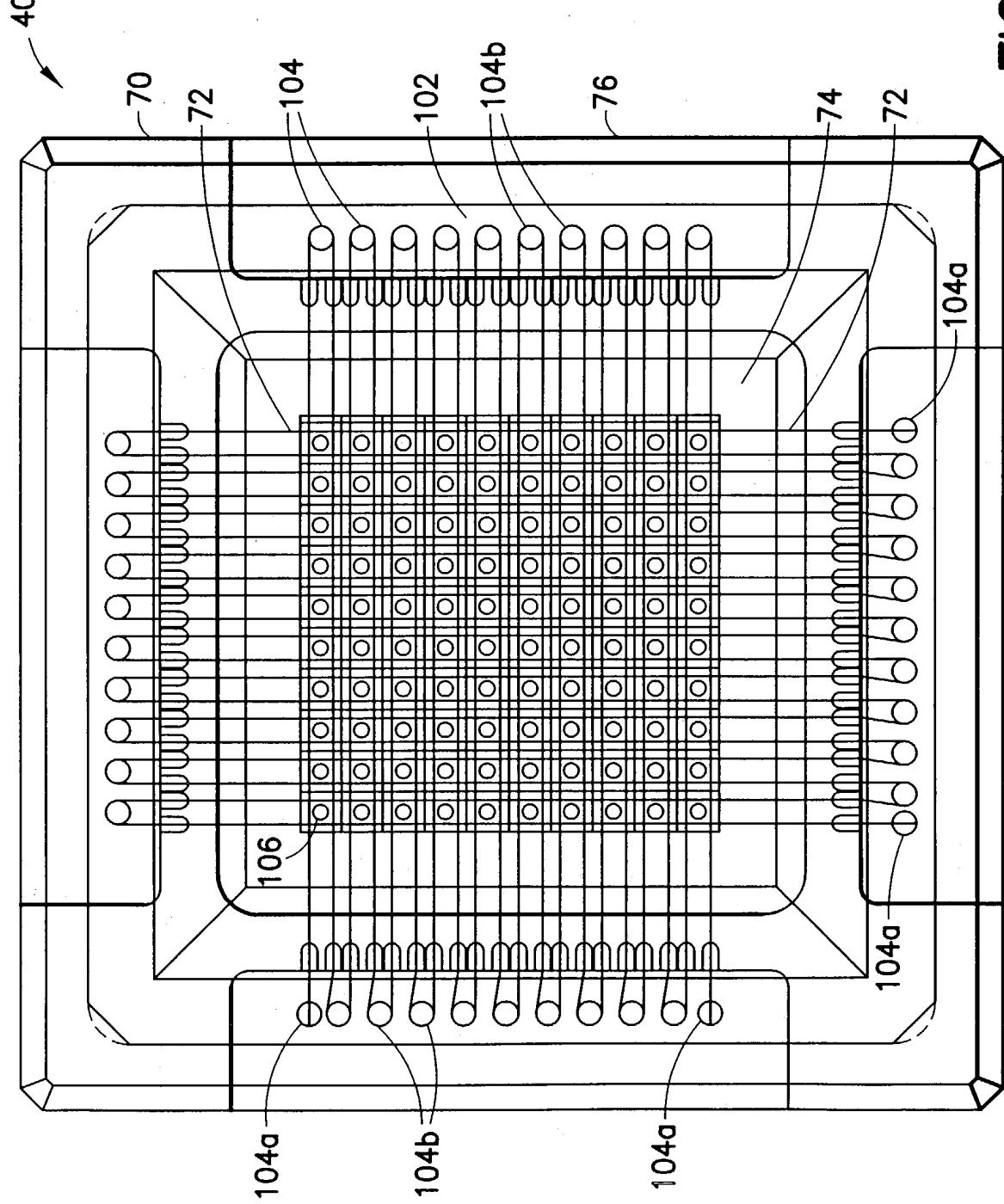


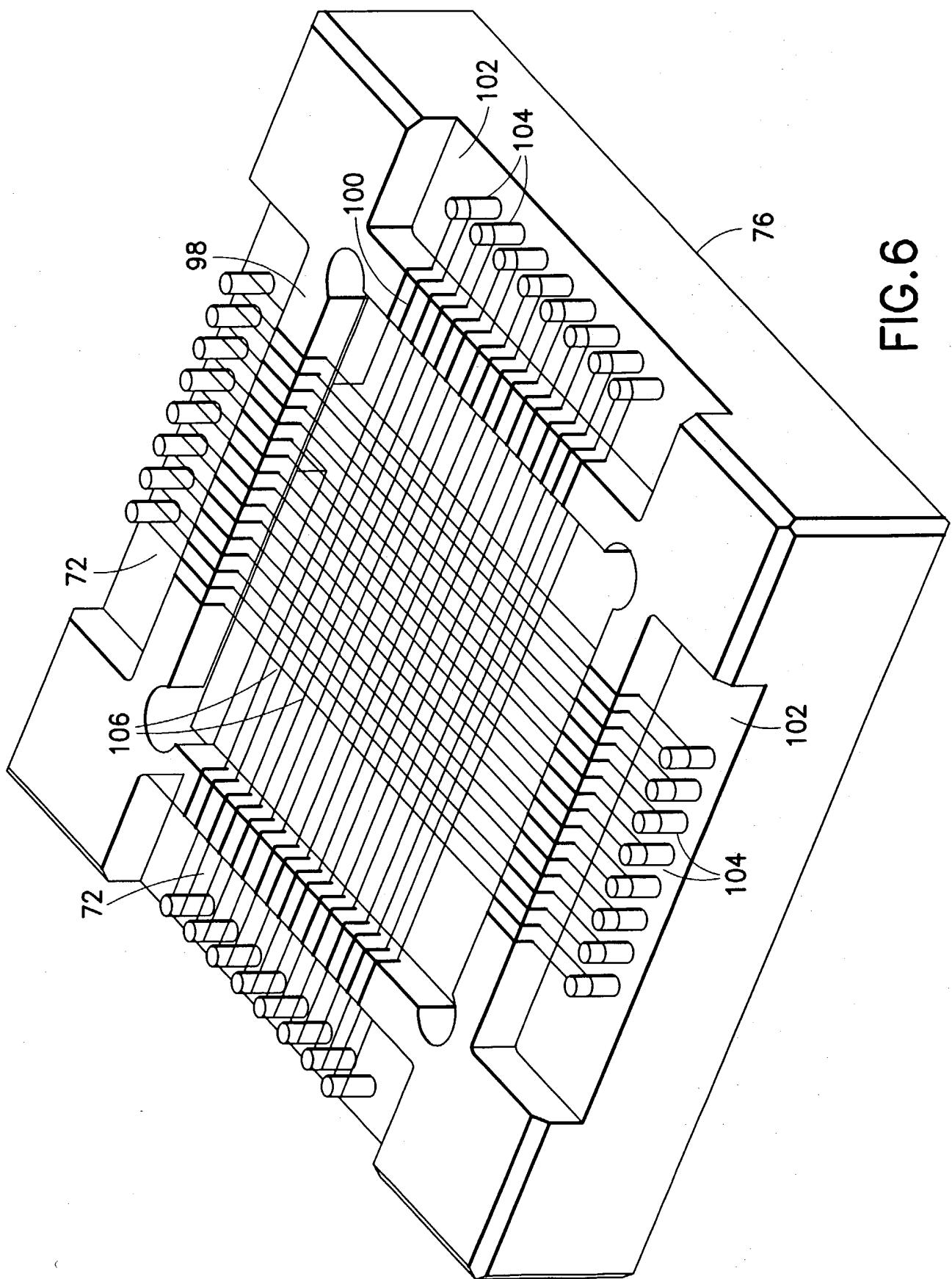
FIG.4

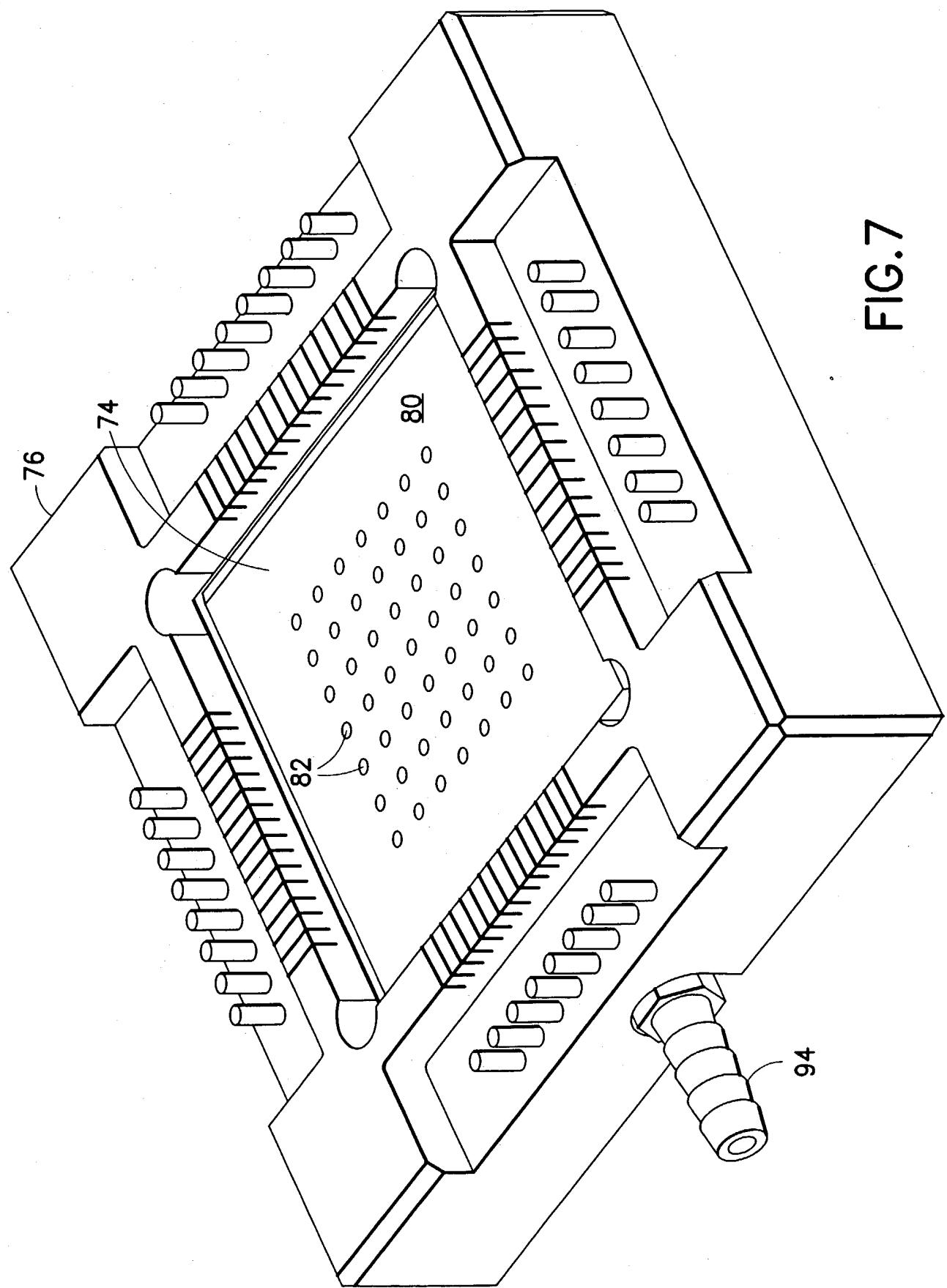
4/9

FIG.5



5/9





7/9

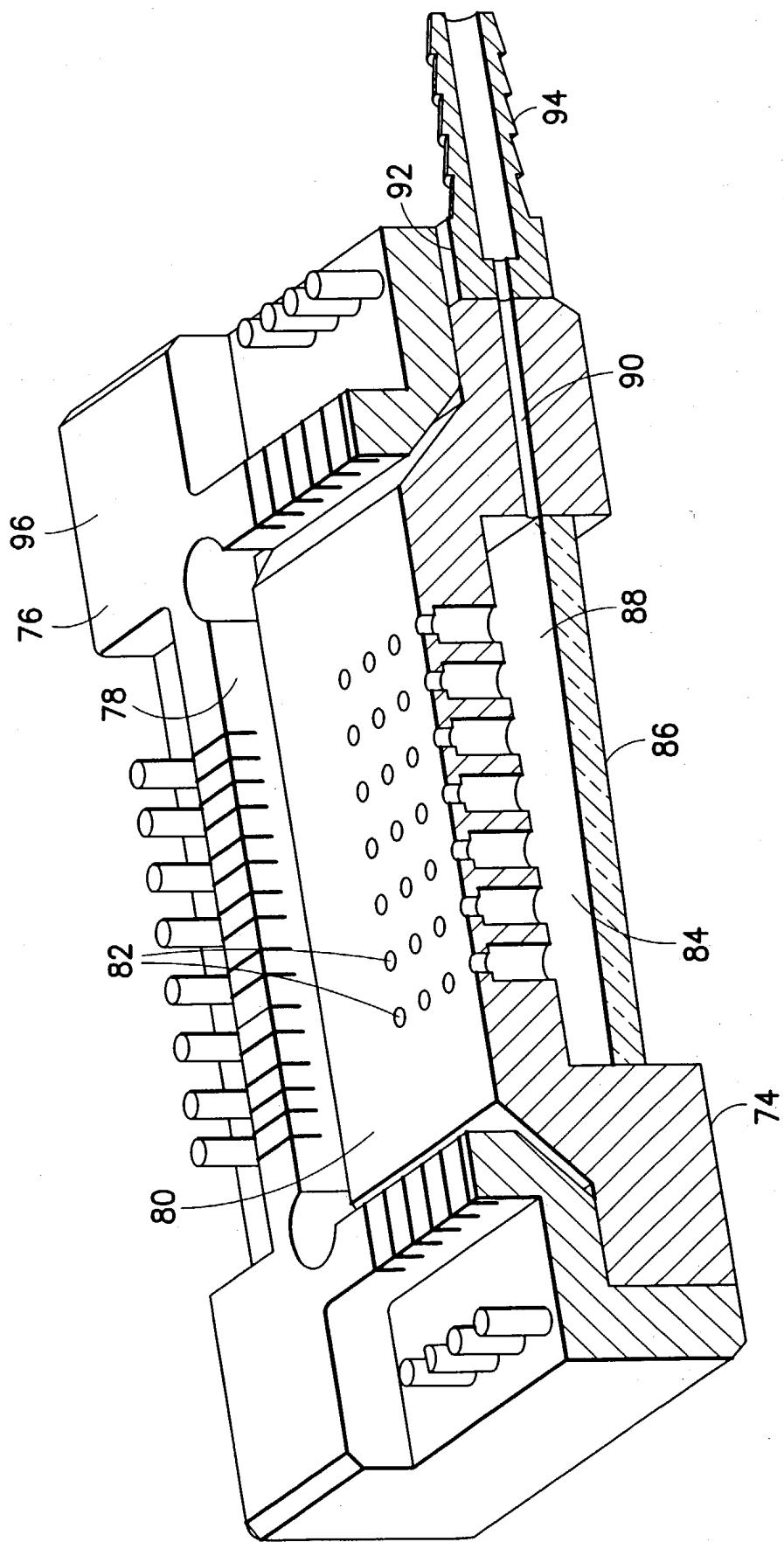


FIG.8

8/9

FIG.9A FIG.9B

FIG.9

110

TUNABLE LASER WITH
GPIB INTERFACE AND
MULTIPLE POWER
SENSOR INTERFACE;
EXAMPLE, AGILENT
8164A/81640A/
81619A

GPIB, 120

12

PC COMPUTER
NETWORK HUB & LASER
SCAN TRIGGER CONTROL
EXAMPLE: 400MHZ
PENTIUM 3 + DISPLAY
+ KEYBOARD

DETECTOR
& FIBER
CIRCUITS,
114

116

AXIS CONTROL,
118a

12a

PC COMPUTER WITH
STAGE MOTION CONTROL
ALGORITHMS
INCLUDES 6 AXIS
MOTOR DRIVERS &
NETWORK CARD

FIG.9A

UNIT #1 :6 AXIS MOTION
CONTROL INSTRUMENT,
WITH 1X FILTER ARRAY,
FIBER COLLIMATOR
WITH L/P FROM LASER,
3X O/P TO LASER:
1X InGaAs REMOTE DETECTOR,
10% REFERENCE SPLITTER
BACKREFLECTION COUPLER

9/9

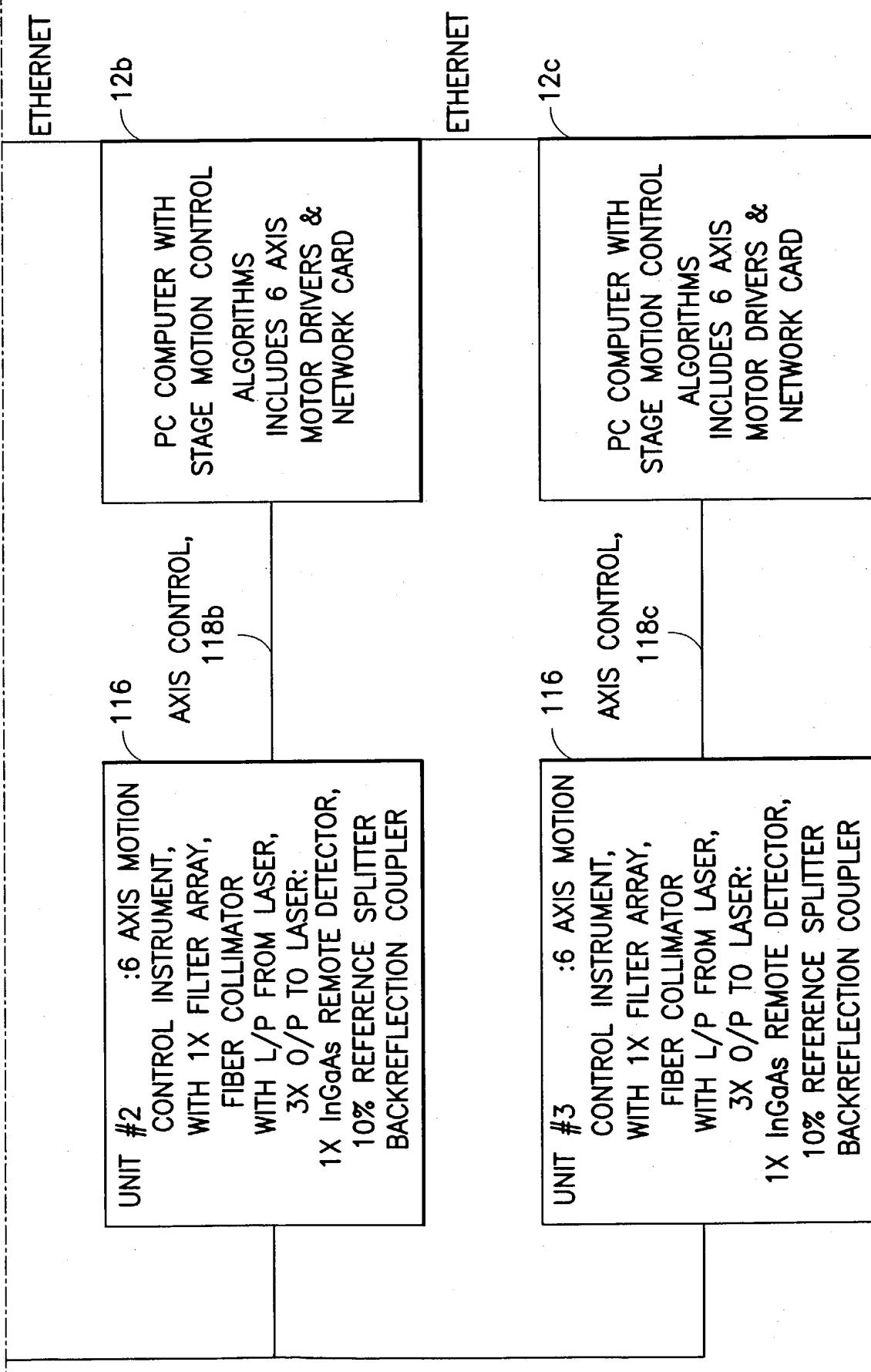


FIG.9B